ABSTRACT

A method and program product to generate summaries for text documents. A user can also specify a query, topic, and terms that he/she is interested in. This method determines the importance of each sentence by using the linguistic salience of the word to the user profile, the similarity among the word, the query and topic provided by a user and the sum of scores of the sentence comprising the word. After computing the score for each word, this method computes the score for each sentence in the set of sentences according to the score of words composing it and the position of the sentence in a section and a paragraph.